

TGCAACTTGAAGTATGACGAGTATAAGGCCCGACGATACAGGACAAGAGACATGTCTAAG  
MetSerLys

ATTTTGTATTCGTAAAACCTGGCGTAATCACTGGTGATGACGTACAGAAAGTTTTCAG  
IlePheAspPheValLysProGlyValIleThrGlyAspAspValGlnLysValPheGln

GTAGCAAAAGAAAACAACCTTCGCACTGCCAGCAGTAACTGCGTCGGTACTGACTCCATC  
ValAlaLysGluAsnAsnPheAlaLeuProAlaValAsnCysValGlyThrAspSerIle

AACGCCGTACTGGAAACCGCTGCTAAAGTTAAAGCGCCGGTTATCGTTCAGTTCTCCAAC  
AsnAlaValLeuGluThrAlaAlaLysValLysAlaProValIleValGlnPheSerAsn

GGTGGTGCTTCCTTTATCGCTGGTAAAGCGTGAAATCTGACGTTCCGCAGGGTGCTGCT  
GlyGlyAlaSerPheIleAlaGlyLysGlyValLysSerAspValProGlnGlyAlaAla

ATCCTGGGCGCGATCTCTGGTGCGCATCACGTTACCAGATGGCTGAACATTATGGTGTT  
IleLeuGlyAlaIleSerGlyAlaHisHisValHisGlnMetAlaGluHisTyrGlyVal

CCGGTTATCCTGCACACTGACCACTGCGCGAAGAAACTGCTGCCGTGGATCGACGGTCTG  
ProValIleLeuHisThrAspHisCysAlaLysLysLeuLeuProTrpIleAspGlyLeu

TTGGACGCGGGTGAAAAACACTTCGCAGCTACCGGTAAGCCGCTGTTCTCTTCACATG  
LeuAspAlaGlyGluLysHisPheAlaAlaThrGlyLysProLeuPheSerSerHisMet

ATCGACCTGTCTGAAGAATCTCTGCAAGAGAACATCGAAATCTGCTCTAAATACCTGGAG  
IleAspLeuSerGluGluSerLeuGlnGluAsnIleGluIleCysSerLysTyrLeuGlu

CGCATGTCCAAAATCGGCATGACTCTGGAAATCGAACTGGGTTGCACCGGTGGTGAAGAA  
ArgMetSerLysIleGlyMetThrLeuGluIleGluLeuGlyCysThrGlyGlyGluGlu

GACGGCGTGGACAACAGCCACATGGACGCTTCTGCACTGTACACCCAGCCGGAAGACGTT  
AspGlyValAspAsnSerHisMetAspAlaSerAlaLeuTyrThrGlnProGluAspVal

GATTACGCATACACCGAACTGAGCAAAATCAGCCCGCGTTTCACCATCGCAGCGTCCTTC  
AspTyrAlaTyrThrGluLeuSerLysIleSerProArgPheThrIleAlaAlaSerPhe

FIG. 1A

GGTAACGTACACGGTGTGTTTACAAGCCGGGTAACGTGGTTCTGACTCCGACCATCCTGCGT  
GlyAsnValHisGlyValTyrLysProGlyAsnValValLeuThrProThrIleLeuArg

GATTCTCAGGAATATGTTTCCAAGAAACACAACCTGCCGCACAACAGCCTGAACTTCGTA  
AspSerGlnGluTyrValSerLysLysHisAsnLeuProHisAsnSerLeuAsnPheVal

TTCCACGGTGGTTCCGGTTCTACTGCTCAGGAAATCAAAGACTCCGTAAGCTACGGCGTA  
PheHisGlyGlySerGlySerThrAlaGlnGluIleLysAspSerValSerTyrGlyVal

GTAAAAATGAACATCGATACCGATACCCAATGGGCAACCTGGGAAGGCGTTCTGAACTAC  
ValLysMetAsnIleAspThrAspThrGlnTrpAlaThrTrpGluGlyValLeuAsnTyr

TACAAAGCGAACGAAGCTTATCTGCAGGGTCAGCTGGGTAACCCGAAAGGCGAAGATCAG  
TyrLysAlaAsnGluAlaTyrLeuGlnGlyGlnLeuGlyAsnProLysGlyGluAspGln

CCGAACAAGAAATACTACGATCCGCGCGTATGGCTGCGTGCCGGTCAGACTTCGATGATC  
ProAsnLysLysTyrTyrAspProArgValTrpLeuArgAlaGlyGlnThrSerMetIle

GCTCGTCTGGAGAAAGCATTCCAGGAACTGAACGCGATCGACGTTCTGTAAGATATTCCT  
AlaArgLeuGluLysAlaPheGlnGluLeuAsnAlaIleAspValLeuEnd

TTCTGCTTATCTCAAGGCCCGCTCTGCGGGTCTTTTTTTTCG

FIG. 1B

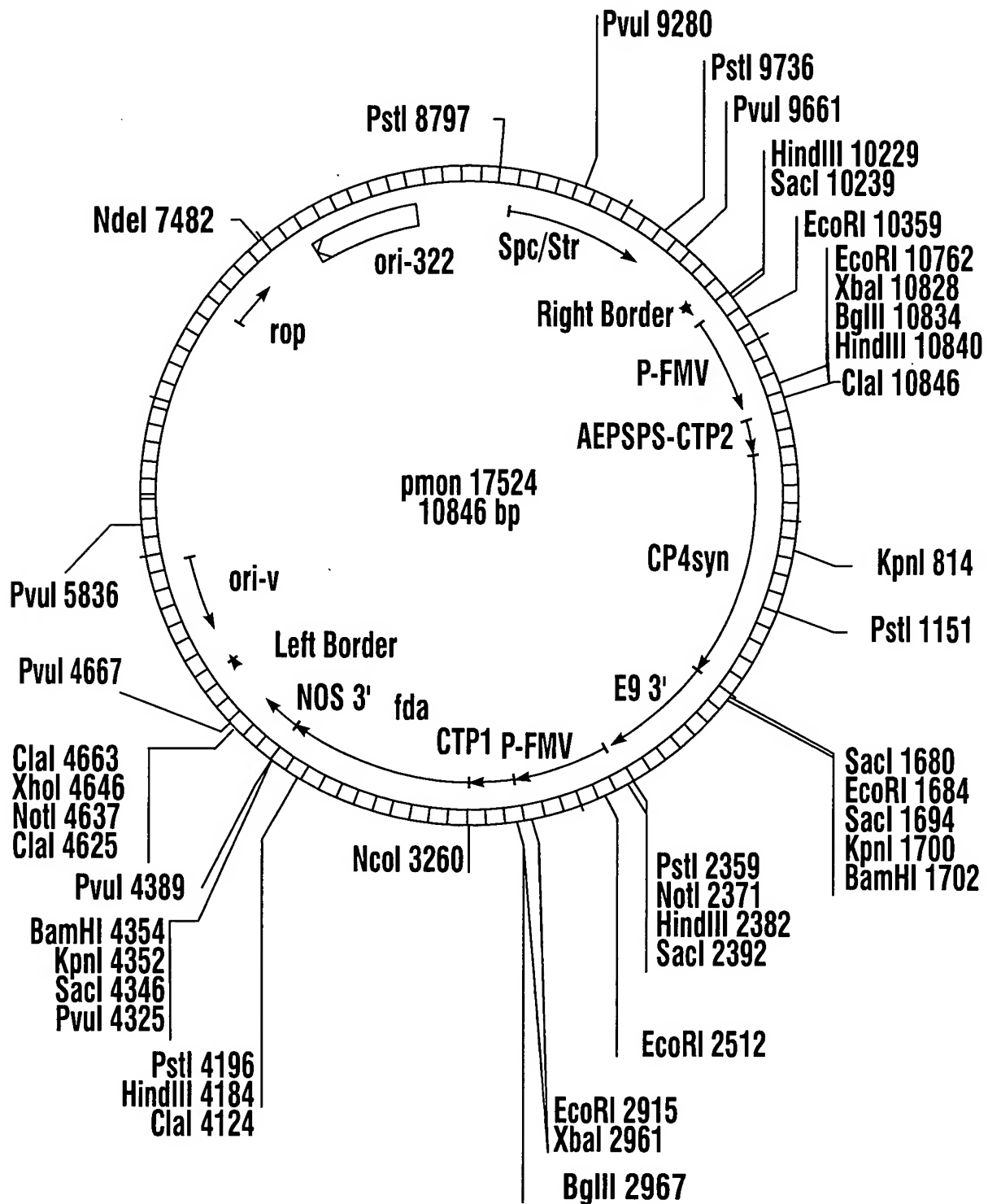


FIG. 2

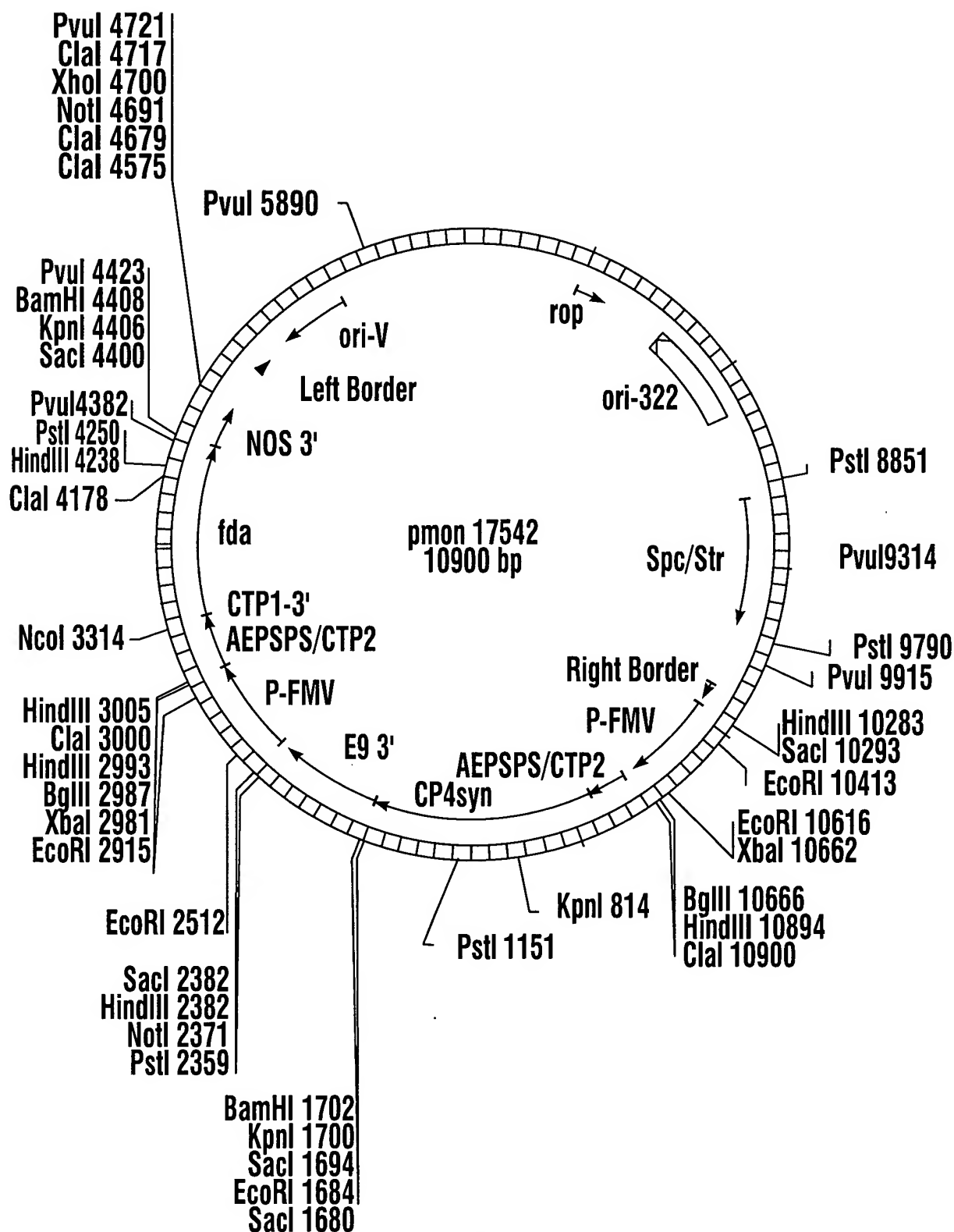


FIG. 3

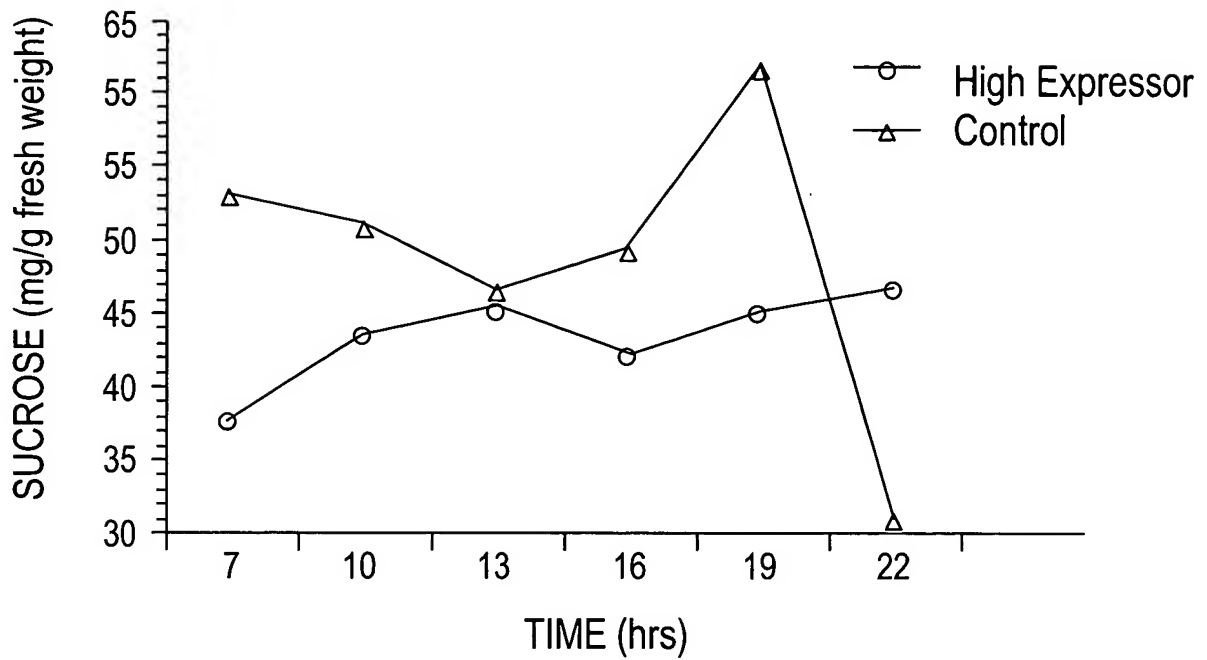


FIG. 4A

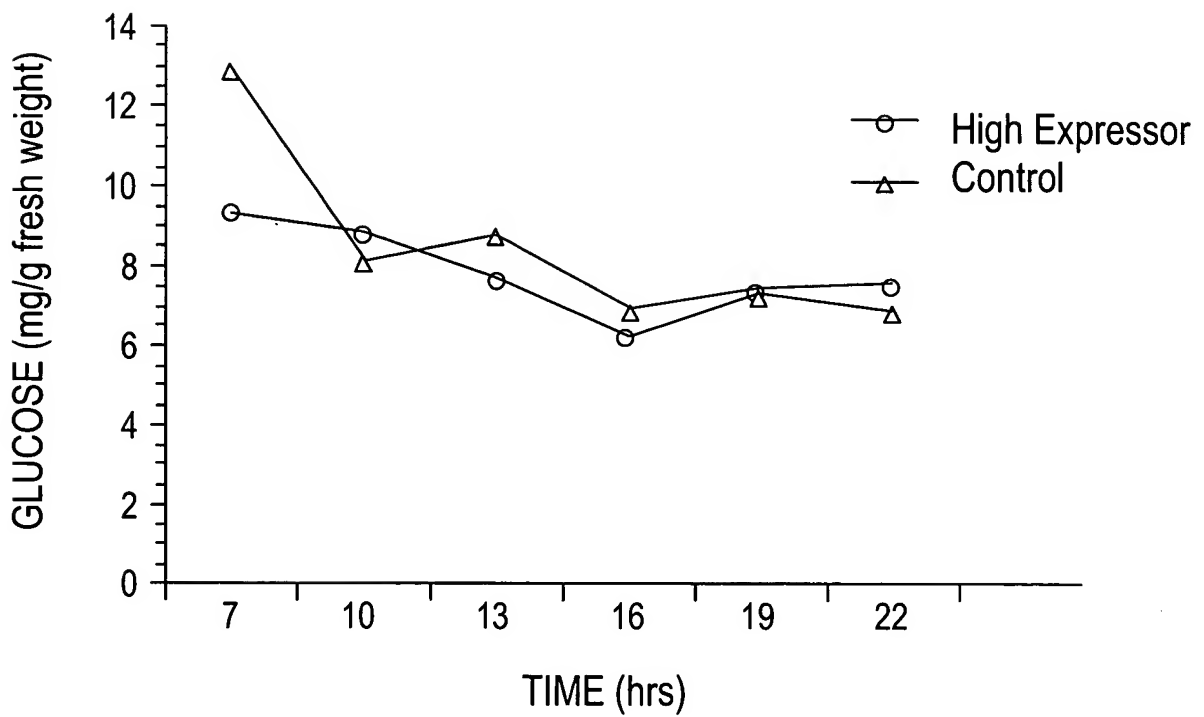


FIG. 4B

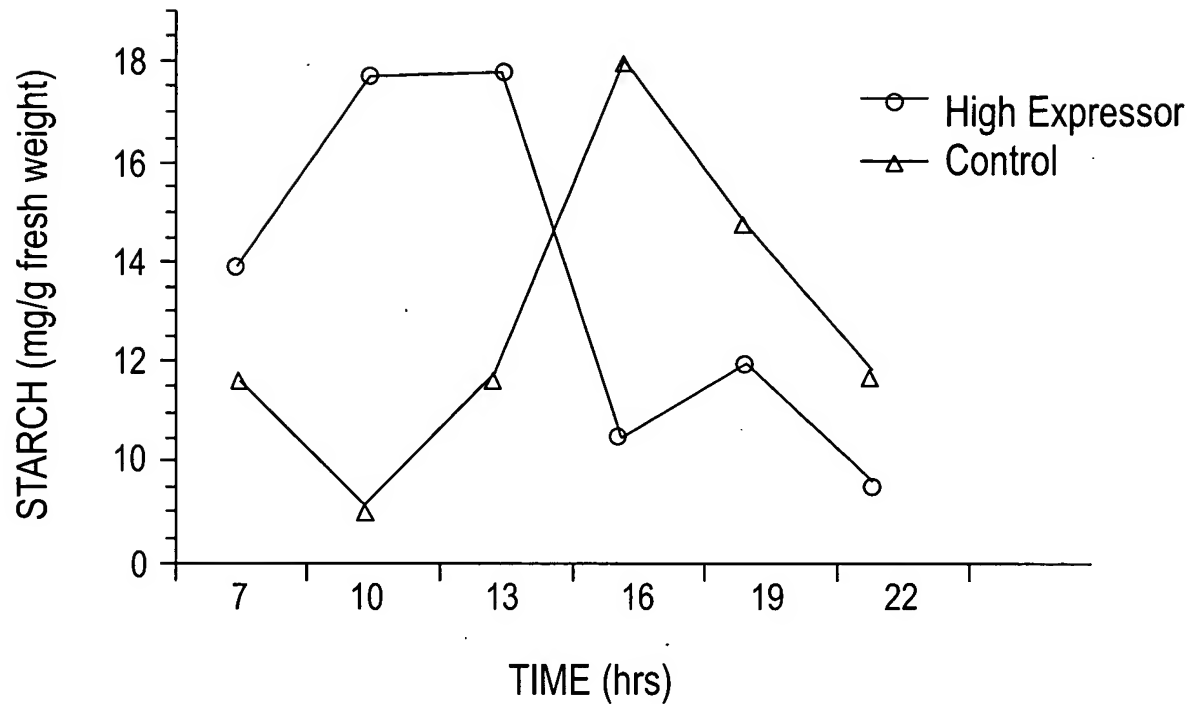


FIG. 4C

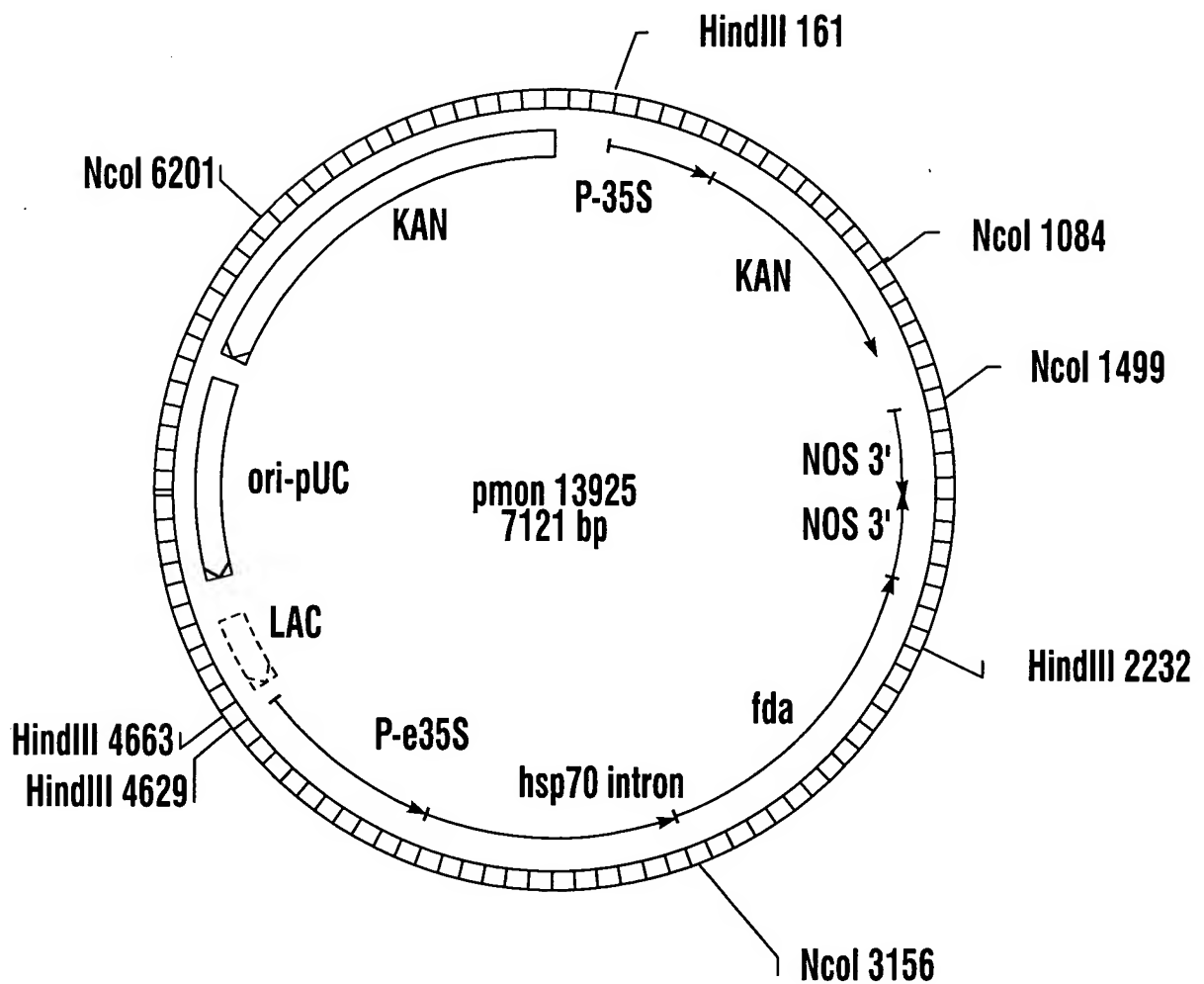


FIG. 5

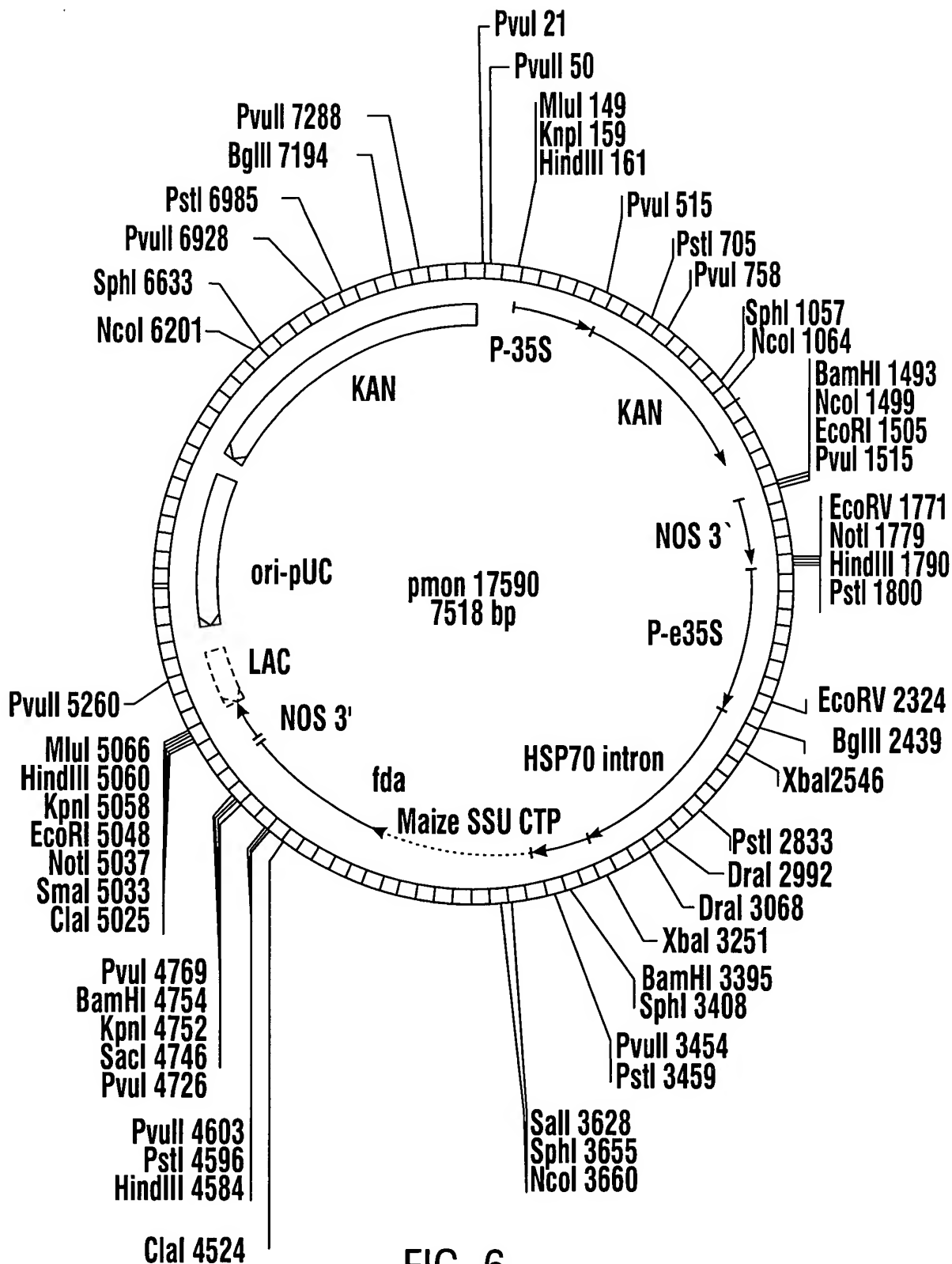


FIG. 6



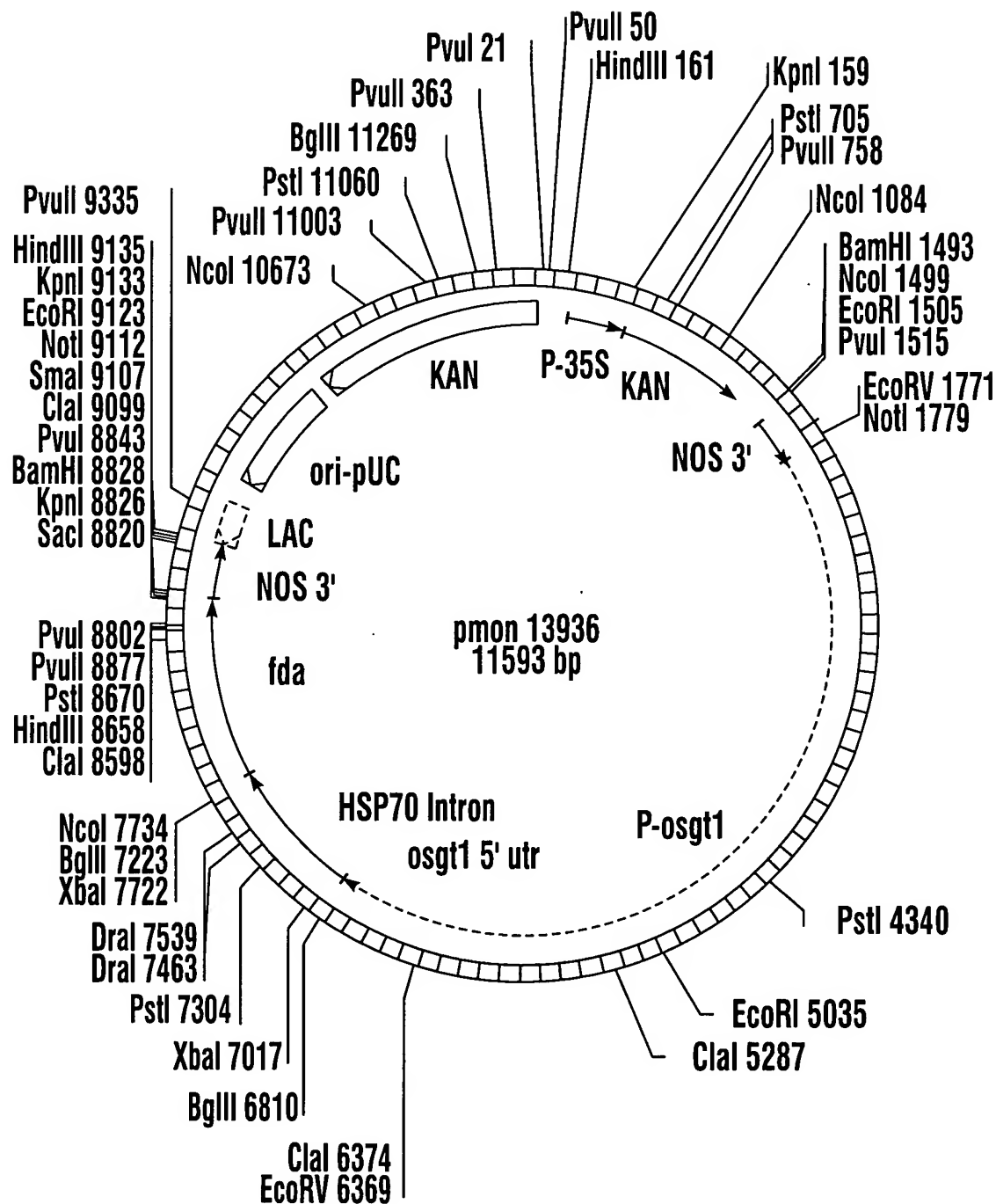


FIG. 7

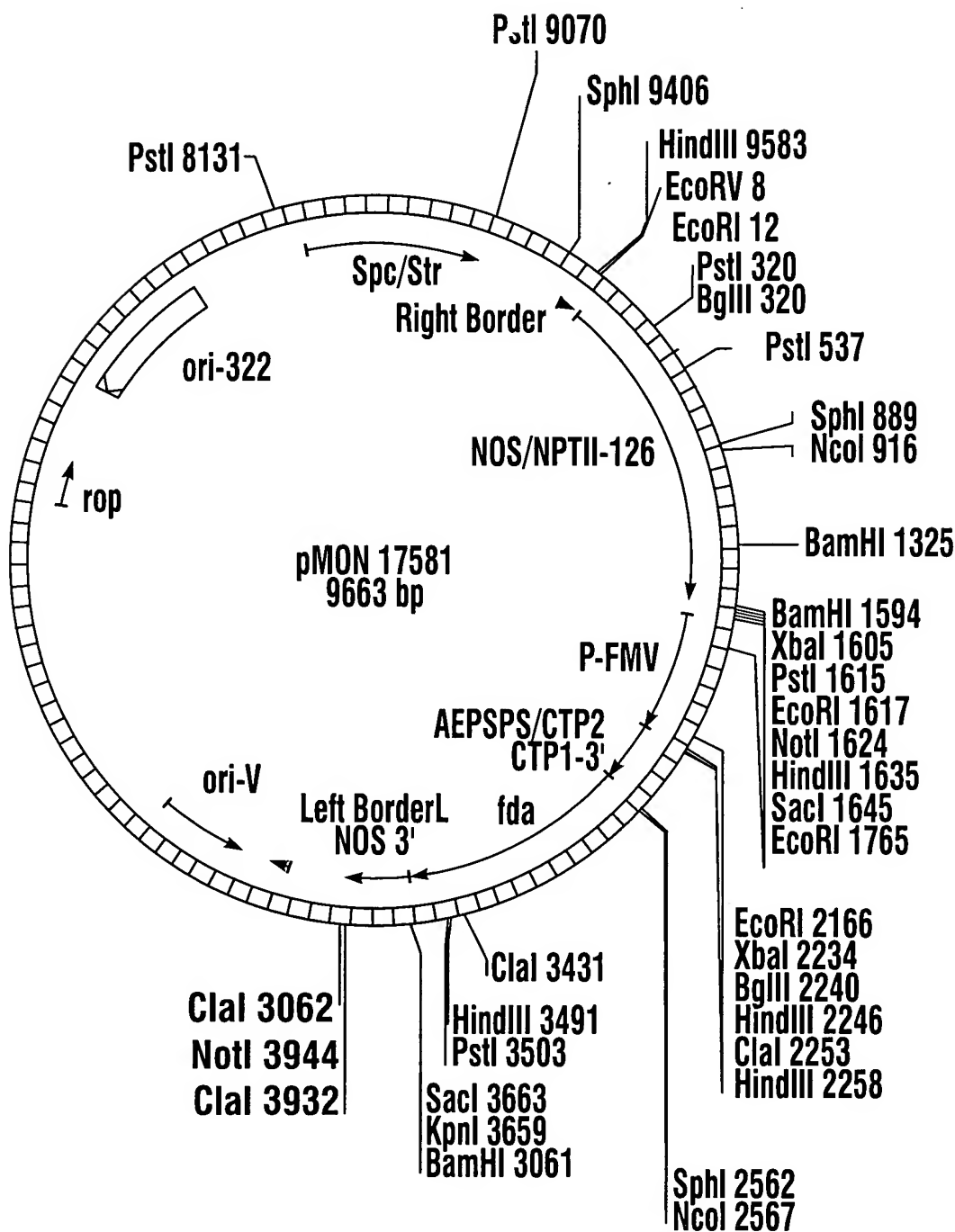


FIG. 8

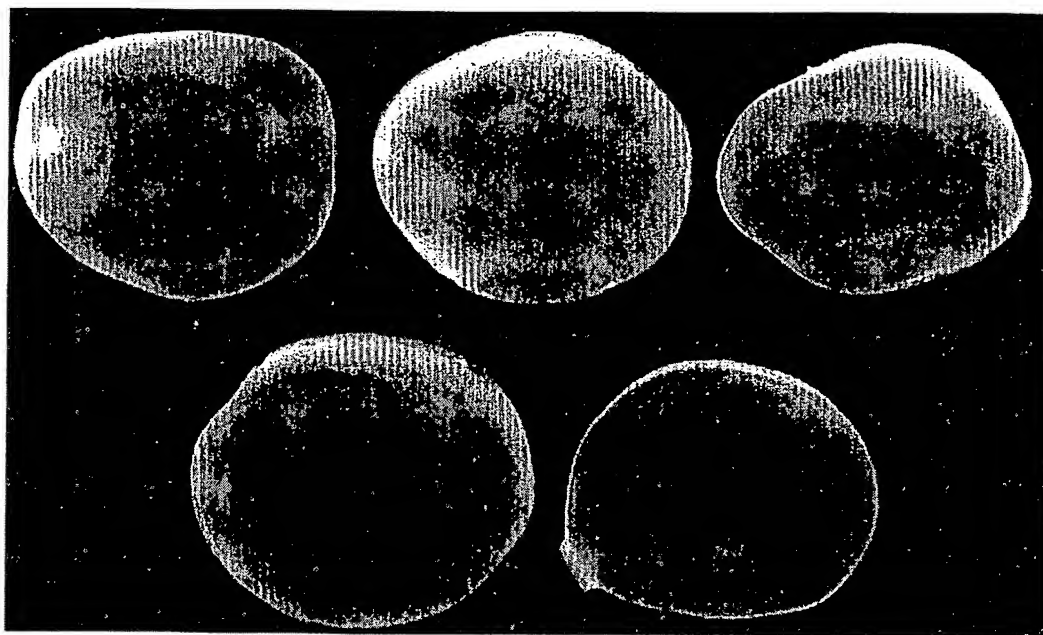


FIG. 9